

NON-CASCADING CHARGE PUMP CIRCUIT AND METHOD

ABSTRACT OF THE DISCLOSURE

A charge pump includes a pair of capacitors each having a first terminal coupled to a pumped node. A charge voltage is initially applied to the pumped node to charge the capacitors. A second terminal of the first capacitor is then pumped to increase the voltage at the pumped node, with the charge of the first capacitor being shared with the second capacitor. The second terminal of the second capacitor is then pumped to again increase the voltage at the pumped node. The pumped node is then coupled to an output terminal.